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Conference Abstract

An Overview of Computer Vision in iNaturalist

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Abstract

iNaturalist is a social network of people who record and share observations of biodiversity. For several years, iNaturalist has been employing computer vision models trained on iNaturalist data to provide automated species identification assistance to iNaturalist participants. This presentation offers an overview of how we are using this technology, the data and tools we used to create it, challenges we have faced in its development, and ways we might apply it in the future.

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